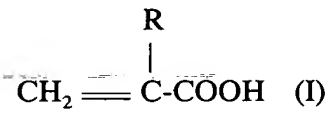
anhydride and a minor fraction of acrylic acid fatty-chain ester monomer, and in that it is free of surfactant.

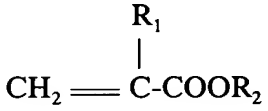
2. (Amended) The emulsion according to Claim 1, characterized in that the amount of carboxylic acid monomer or of its anhydride in the copolymer ranges from 80 to 98% by weight and in that the amount of ester monomer ranges from 20 to 2% by weight, the percentages by weight being expressed relative to the total weight of the two monomers.

3. (Amended) The emulsion according to Claim 1, characterized in that the carboxylic acid monomer is a compound of formula (I):



(I)

in which R denotes hydrogen, a halogen, a hydroxyl group, a lactone group, a lactam group, a cyanogen group, a monovalent alkyl group, an aryl group, an alkylaryl group, an aralkyl group or a cycloaliphatic group, and in that the ester monomer is a compound of formula (II):



(II)

in which R_1 is chosen from the group formed from hydrogen, a methyl radical and an ethyl radical, and R_2 is a C_8-C_{30} alkyl group.

4. (Amended) The emulsion according to Claim 3, characterized in that the carboxylic acid monomer is chosen from acrylic acid, methacrylic acid and mixtures thereof, and in that

the ester monomer is chosen from monomers of formula (II) in which R_1 is hydrogen or a methyl radical and R_2 is a C_{10}-C_{22} alkyl group.

5. (Amended) The emulsion according to Claim 1, characterized in that the copolymer is present in an amount ranging from 0.1 to 4% by weight relative to the total weight of the emulsion.

6. (Amended) The emulsion according to Claim 1, characterized in that the average size of the globules in the oily phase ranges from 0.5 to 15 microns.

7. (Amended) The emulsion according to Claim 1, characterized in that the oily phase of the emulsion represents from 15 to 45% by weight relative to the total weight of the emulsion.

8. (Amended) The emulsion according to Claim 1, characterized in that it constitutes a cosmetic and/or dermatological composition.

9. (Amended) The emulsion according to Claim 1, characterized in that it contains at least one additive chosen from hydrophilic active agents, lipophilic active agents, preserving agents, antioxidants, fragrances, solvents, fillers, sunscreens, pigments, dyestuffs, basic agents, acidic agents, lipid vesicles and gelling agents.

10. (Amended) A method for treating, protecting, caring for and/or cleansing the skin, mucous membranes and/or the hair, and/or for making up the skin and/or mucous membranes, comprising applying the emulsion of Claim 1 to the skin.

12. (Amended) A process for manufacturing the emulsion as defined in Claim 1, which comprises introducing, under pressure, the oily phase into the aqueous phase containing the copolymer, through a hydrophilic porous glass membrane with an average pore size ranging from 0.1 to 5 μm, at a pressure greater than the critical pressure.

13. (Amended) The process according to Claim 12, wherein the pressure ranges from 30 to 350 kPa.

Please add the following new Claims 14-38.

-- 14. The emulsion of Claim 1, wherein the globules of the oily phase are monodispersed.

15. The emulsion of Claim 1, wherein the copolymer has a viscosity of less than 5Pa·s.

16. The emulsion of Claim 1, wherein the copolymer has a viscosity of less than 3Pa·s.

17. The emulsion of Claim 1, wherein the copolymer is an acrylate/C_{10}-C_{30}-alkylacrylate copolymer.

18. The emulsion of Claim 1, wherein the copolymer is present in an amount ranging from 0.1 to 2% by weight relative to the total weight of the emulsion.

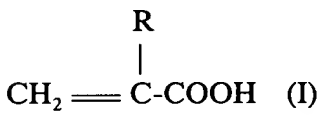
19. The emulsion of Claim 1, wherein the oily phase of the emulsion represents from 20 to 30% by weight relative to the total weight of the emulsion.

20. An emulsion comprising an oily phase dispersed in an aqueous phase, characterized in that the globules of the oily phase have an average size of less than 20 microns, in that the oily phase constitutes at least 15% by weight relative to the total weight of the emulsion and in that the aqueous phase contains at least one copolymer consisting of a major fraction of monoolefinically unsaturated C_3-C_6 carboxylic acid monomer or its anhydride and a minor fraction of acrylic acid fatty-chain ester monomer.

21. The emulsion according to Claim 20, characterized in that the amount of carboxylic acid monomer or of its anhydride in the copolymer ranges from 80 to 98% by

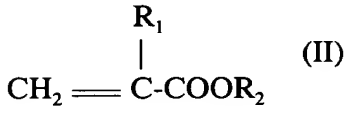
weight and in that the amount of ester monomer ranges from 20 to 2% by weight, the percentages by weight being expressed relative to the total weight of the two monomers.

22. The emulsion according to Claim 20, characterized in that the carboxylic acid monomer is a compound of formula (I):



(I)

in which R denotes hydrogen, a halogen, a hydroxyl group, a lactone group, a lactam group, a cyanogen group, a monovalent alkyl group, an aryl group, an alkylaryl group, an aralkyl group or a cycloaliphatic group, and in that the ester monomer is a compound of formula (II):



(II)

in which R_1 is chosen from the group formed from hydrogen, a methyl radical and an ethyl radical, and R_2 is a C_8-C_{30} alkyl group.

23. The emulsion according to Claim 22, characterized in that the carboxylic acid monomer is chosen from acrylic acid, methacrylic acid and mixtures thereof, and in that the ester monomer is chosen from monomers of formula (II) in which R_1 is hydrogen or a methyl radical and R_2 is a C_{10}-C_{22} alkyl group.

24. The emulsion according to Claim 20, characterized in that the copolymer is present in an amount ranging from 0.1 to 4% by weight relative to the total weight of the emulsion.

25. The emulsion according to Claim 20, characterized in that the average size of the globules in the oily phase ranges from 0.5 to 15 microns.

26. The emulsion according to Claim 20, characterized in that the oily phase of the emulsion represents from 15 to 45% by weight relative to the total weight of the emulsion.

27. The emulsion according to Claim 20, characterized in that it constitutes a cosmetic and/or dermatological composition.

28. The emulsion according to Claim 20, characterized in that it contains at least one additive chosen from hydrophilic active agents, lipophilic active agents, preserving agents, antioxidants, fragrances, solvents, fillers, sunscreens, pigments, dyestuffs, basic agents, acidic agents, lipid vesicles and gelling agents.

29. A method for treating, protecting, caring for and/or cleansing the skin, mucous membranes and/or the hair, and/or for making up the skin and/or mucous membranes, comprising applying the emulsion of Claim 20 to the skin.

30. A process for manufacturing the emulsion as defined in Claim 20, which comprises introducing, under pressure, the oily phase into the aqueous phase containing the copolymer, through a hydrophilic porous glass membrane with an average pore size ranging from 0.1 to 5 μm, at a pressure greater than the critical pressure.

31. The process according to Claim 30, wherein the pressure ranges from 30 to 350 kPa.

32. The process according to Claim 30, wherein the average pore size ranges from 0.3 to 3 μm.

33. The emulsion of Claim 20, wherein the globules of the oily phase are monodispersed.